



MAKING A SOLAR DRYER

It is made of wire-mesh trays in a wooden frame encased in a clear plastic sheet.

The solar cabinet dryer type has a surface of 10 m² and can dry 20 to 35 kg of fresh produce (depending on commodity) over a period of 3 to 4 days.

Smaller portable models of the dryer can be constructed depending on available funds for the dryer, construction, and the purpose of drying (home consumption or marketing).

Dimensions of solar dryer

Materials needed to make a 2.5 x 1.085 x 1.4 metres (L x W x H) size dryer.

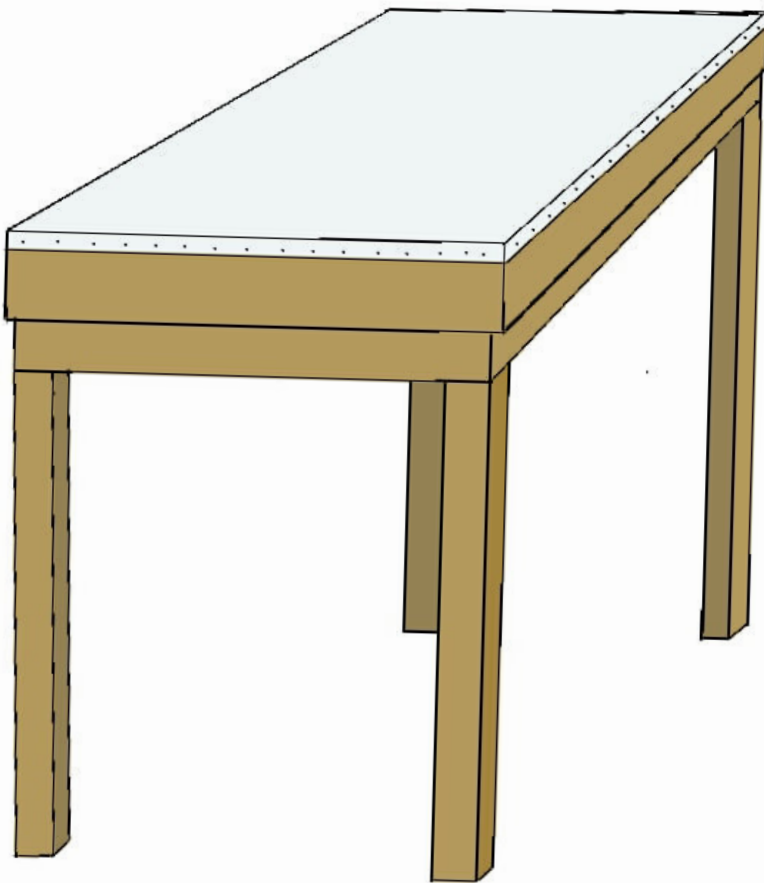
Materials required

Wood: 2.5 x 1.085 x 1.4 metres.

Clear plastic sheeting: 2.6 m x 1.1 m (length x width).

2.457 x 1.082 x 0.05 metres (L x W x H) for one tray.

Solar Dryer (complete)

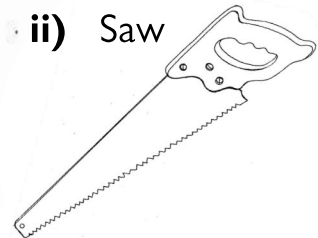


Tools to be used in making the dryer

i) Scissors



ii) Saw



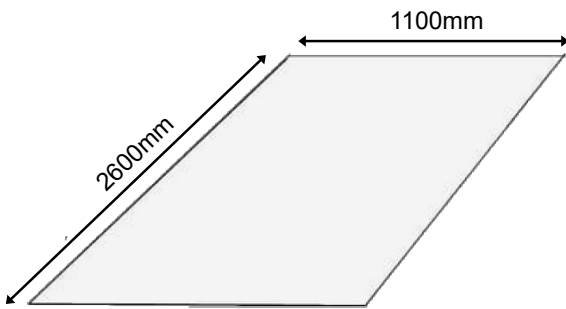
iii) Hammer



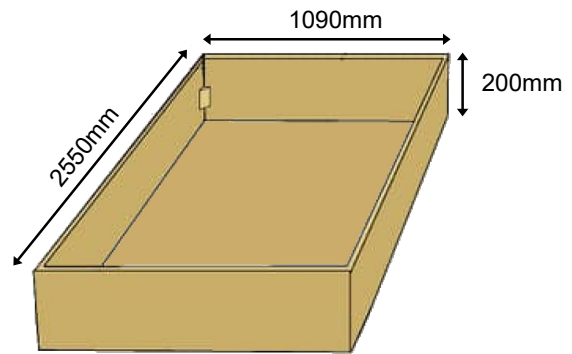
iv) Nails



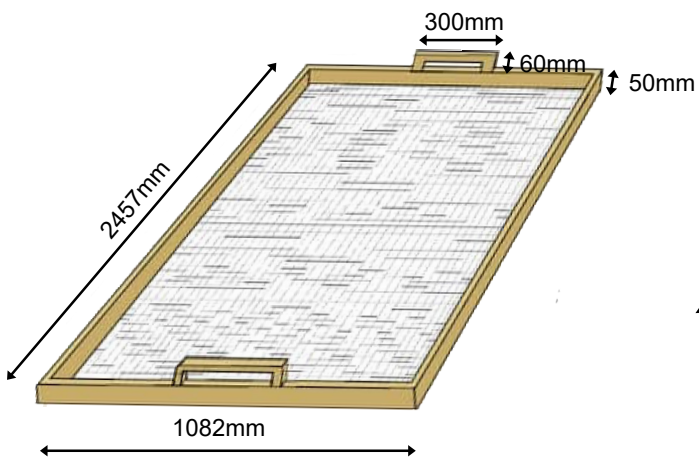
1. Clear plastic sheeting



2. Wooden frame for cover



3. Wire mesh



4. Solar dryer base

